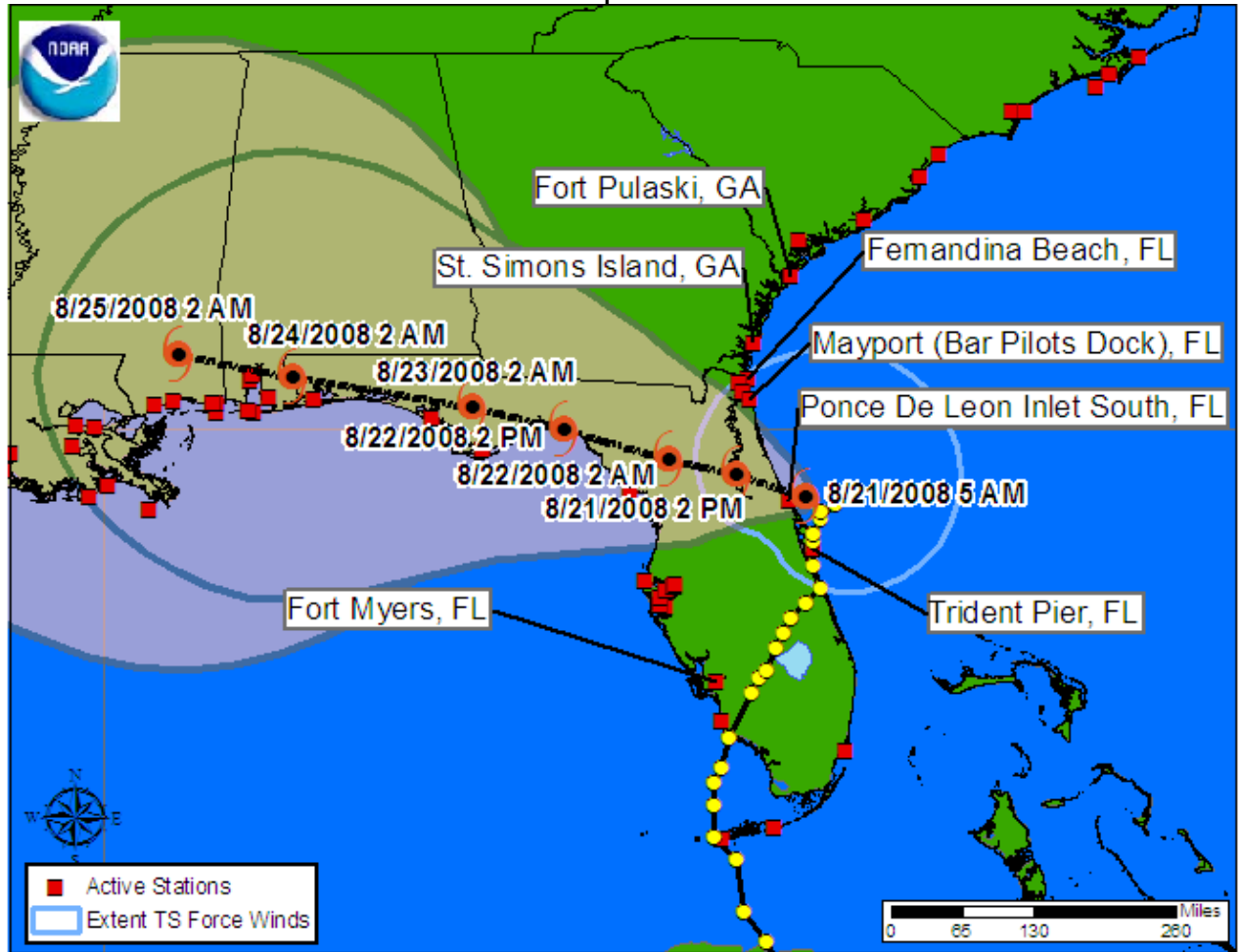




Tropical Storm FAY QuickLook  
Posted: 06:00 EDT 08/21/2008

NOAA and NOAA Partnership Stations Relative to the Storm



#### Storm Analysis

As of 08/21/2008 06:00 EDT, water levels from northeastern Florida to Georgia are elevated between 0.9 and nearly 2.5 feet above predicted. Water levels at Fort Myers remain elevated by about 1 foot, however water levels have returned to normal at many locations on the west coast of Florida. Barometric pressure has leveled out across northeastern Florida. Wind speeds are decreasing to 30 knots, with gusts up to 35 knots at Trident Pier, FL. Wind speeds are increasing to over 20 knots, with gusts over 25 knots at Fort Pulaski, GA.

Water Level and Meteorological plots available below are updated automatically. Water level predictions relative to Mean Lower Low Water are:

Ponce De Leon Inlet South, FL: Next predicted high tide is 3.5 ft (1.8 m) at 08/21/2008 12:18 EDT.

**Mayport Bar Pilots, FL: Next predicted high tide is 5.2 ft (1.6 m) at 08/21/2008 12:27 EDT.**

**Fernandina Beach, FL: Next predicted high tide is 6.7 ft 2.0 m) at 08/21/2008 12:43 EDT.**

**St. Simons Island, GA: Next predicted high tide is 7.5 ft (2.3 m) at 08/21/2008 12:03 EDT.**

**Fort Pulaski, GA: Next predicted high tide is 7.7 ft (2.3 m) at 08/21/2008 11:54 EDT.**

**Trident Pier, FL: Next predicted high tide is 4.2 ft (1.3 m) at 08/21/2008 11:42 EDT.**

**Fort Myers, FL: Next predicted high tide is 1.6 ft (0.5 m) at 08/21/2008 06:54 EDT.**

**For additional data, please see the [Center for Operational Oceanographic Products & Services website](#). For more information or archived products and reports, please see the [Storm QuickLook Homepage](#).**

**Analyst: LEF**

---

**SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:**

**TROPICAL STORM FAY ADVISORY NUMBER 23  
500 AM EDT THU AUG 21 2008**

**...FAY REMAINS JUST OFFSHORE AS HEAVY RAINS CONTINUE...**

**A TROPICAL STORM WARNING REMAINS IN EFFECT FROM FORT PIERCE FLORIDA NORTHWARD TO THE SAVANNAH RIVER AT THE BORDER BETWEEN GEORGIA AND SOUTH CAROLINA.**

**AT 500 AM EDT THE CENTER OF TROPICAL STORM FAY WAS LOCATED NEAR ABOUT 20 MILES EAST-SOUTHEAST OF DAYTONA BEACH FLORIDA.**

**FAY HAS MOVED VERY LITTLE OVER THE LAST FEW HOURS. HOWEVER A SLOW MOTION TOWARD THE WEST-NORTHWEST IS FORECAST TO BEGIN LATER TODAY AND CONTINUE FOR THE NEXT COUPLE OF DAYS. ON THIS TRACK. FAY IS FORECAST TO MOVE SLOWLY ACROSS THE NORTHERN FLORIDA PENINSULA TODAY AND BE VERY NEAR THE GULF COAST OF THE FLORIDA PANHANDLE BY EARLY SATURDAY.**

**MAXIMUM SUSTAINED WINDS ARE NEAR 60 MPH WITH HIGHER GUSTS. SLIGHT STRENGTHENING IS STILL POSSIBLE WHILE THE CENTER OF FAY REMAINS OVER WATER THIS MORNING BUT GRADUAL WEAKENING IS FORECAST AFTER FAY MOVES BACK OVER THE FLORIDA PENINSULA.**

**TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 150 MILES FROM THE CENTER.**

**THE LATEST MINIMUM CENTRAL PRESSURE MEASURED BY AN AIR FORCE RESERVE UNIT HURRICANE HUNTER AIRCRAFT WAS 994 MB.**

**FAY IS EXPECTED TO PRODUCE RAINFALL ACCUMULATIONS OVER THE NEXT 36 HOURS OF 5 TO 10 INCHES ACROSS THE NORTHERN PORTION OF THE FLORIDA PENINSULA...WITH ISOLATED AMOUNTS OF 15 INCHES. RAINFALL ACCUMULATIONS OF 3 TO 6 INCHES ARE ALSO LIKELY OVER SOUTHEASTERN GEORGIA DURING THE SAME PERIOD. ISOLATED STORM TOTAL ACCUMULATIONS OF NEAR 30 INCHES CAN BE EXPECTED IN FLORIDA.**

**STORM TIDES OF 1 TO 3 FEET ABOVE NORMAL ARE POSSIBLE ALONG THE EAST COAST OF FLORIDA TO THE NORTH OF THE CENTER OF FAY.**

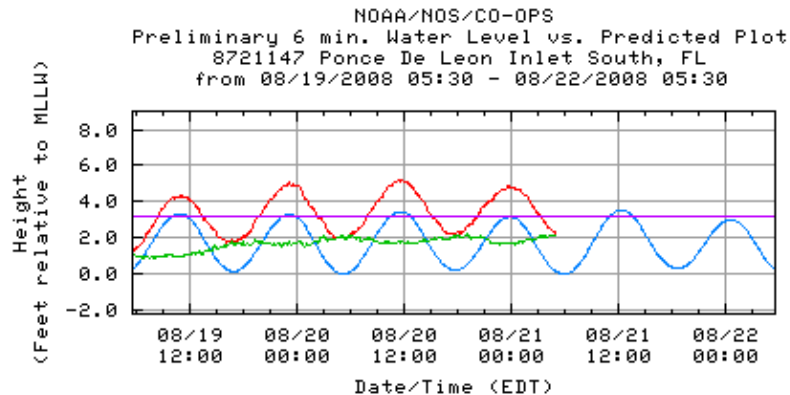
**ISOLATED TORNADOES ARE POSSIBLE TODAY OVER PORTIONS OF NORTHEASTERN FLORIDA AND SOUTHEASTERN GEORGIA.**

**FORECASTER FRANKLIN**

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Ponce De Leon Inlet South - Water Level](#), [Mayport \(Bar Pilots Dock\) - Water Level](#), [Fernandina Beach - Water Level](#), [Fernandina Beach - Air/Water Temp](#), [Fernandina Beach - Barometric](#), [St.Simons Island - Water Level](#), [Fort Pulaski - Water Level](#), [Fort Pulaski - Winds](#), [Fort Pulaski - Air/Water Temp](#), [Fort Pulaski - Barometric](#), [Trident Pier - Water Level](#), [Trident Pier - Winds](#), [Trident Pier - Barometric](#), [Fort Myers - Water Level](#),

**Ponce De Leon Inlet South, FL - Station Map** [Return to List](#)

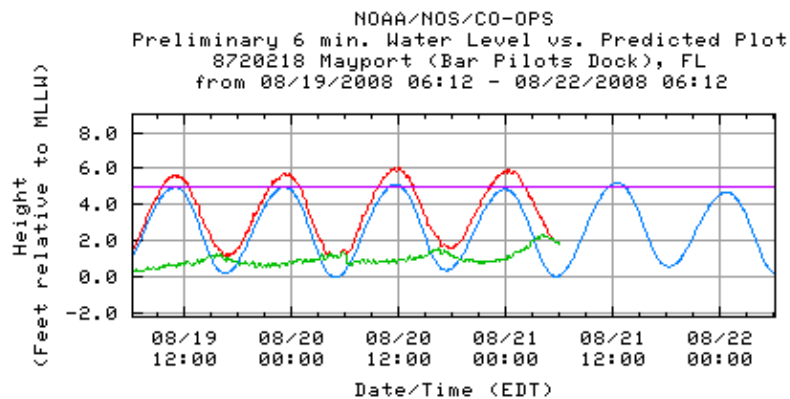


Last Observed Sample: 08/21/2008 04:54 (EDT)

Relative to **MLLW**: **Observed: 2.26 ft. Predicted: 0.12 ft. Residual: 2.14 ft.**

Historical Maximum Water Level: n/a

**Mayport (Bar Pilots Dock), FL - Station Map** [Return to List](#)

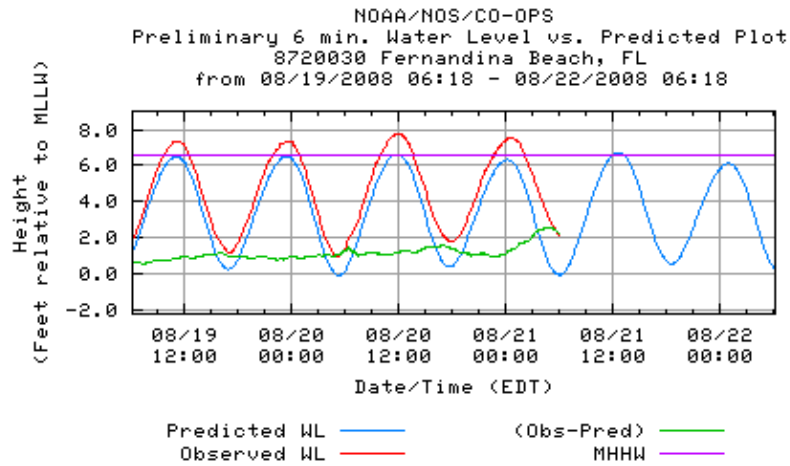


Last Observed Sample: 08/21/2008 06:00 (EDT)

Relative to **MLLW**: **Observed: 1.84 ft. Predicted: 0.04 ft. Residual: 1.80 ft.**

Historical Maximum Water Level: 09/17/2001, 2.15 ft. above **MHHW**

**Fernandina Beach, FL - Station Map** [Return to List](#)

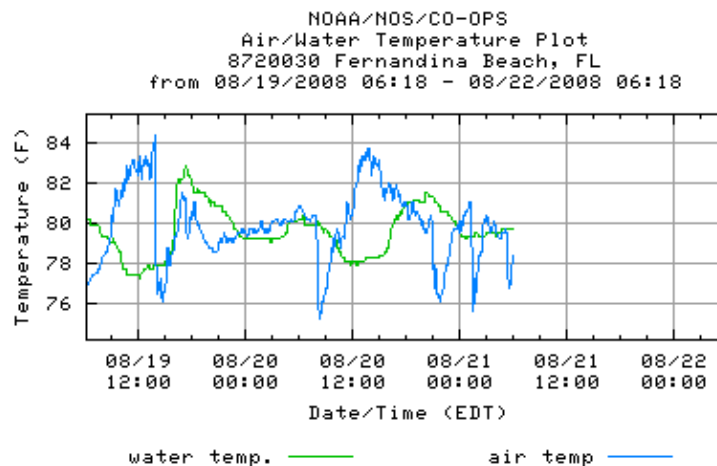


Last Observed Sample: 08/21/2008 06:06 (EDT)

Relative to **MLLW**: **Observed: 2.10 ft. Predicted: -0.08 ft. Residual: 2.18 ft.**

Historical Maximum Water Level: 10/02/1898, 6.94 ft. above **MHHW**

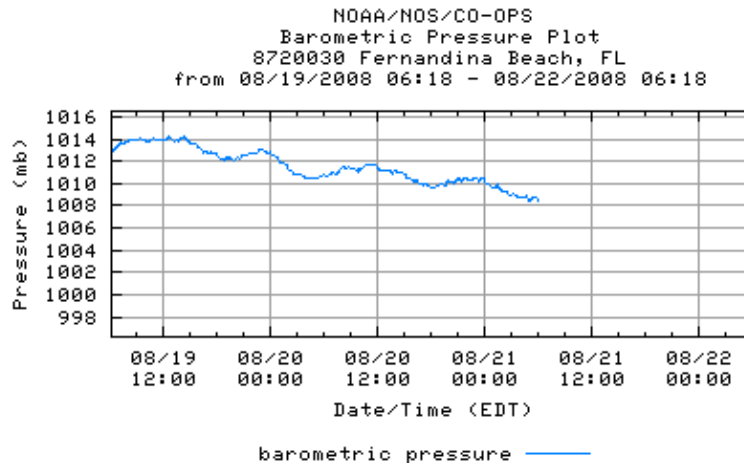
**Fernandina Beach, FL - Station Map** [Return to List](#)



Last Observed Sample: 08/21/2008 06:06 (EDT)

**Water Temperature: 79.7° F Air Temperature: 78.4° F**

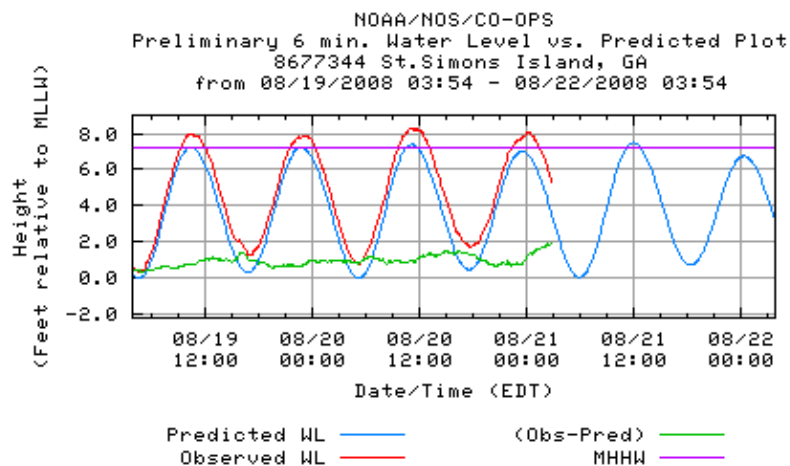
**Fernandina Beach, FL - Station Map** [Return to List](#)



Last Observed Sample: 08/21/2008 06:06 (EDT)

Barometric Pressure: 1008.5 mb

**St.Simons Island, GA - Station Map** [Return to List](#)

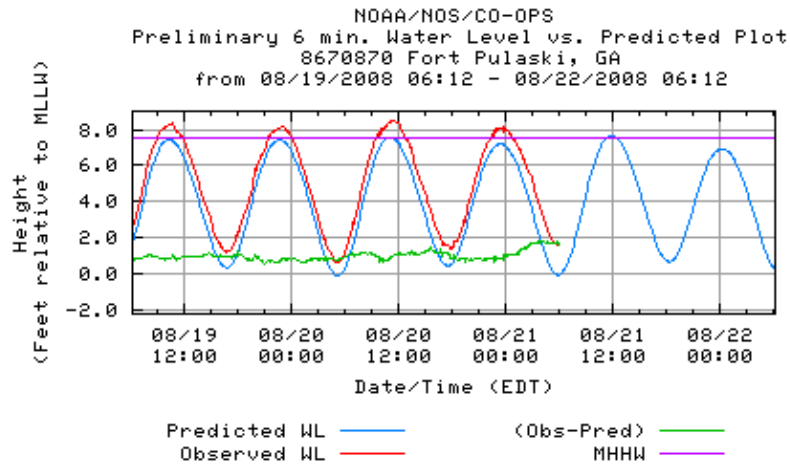


Last Observed Sample: 08/21/2008 02:54 (EDT)

Relative to **MLLW**: **Observed: 5.28 ft.** **Predicted: 3.43 ft.** **Residual: 1.85 ft.**

Historical Maximum Water Level: 07/22/2001, 2.41 ft. above **MHHW**

**Fort Pulaski, GA - Station Map** [Return to List](#)

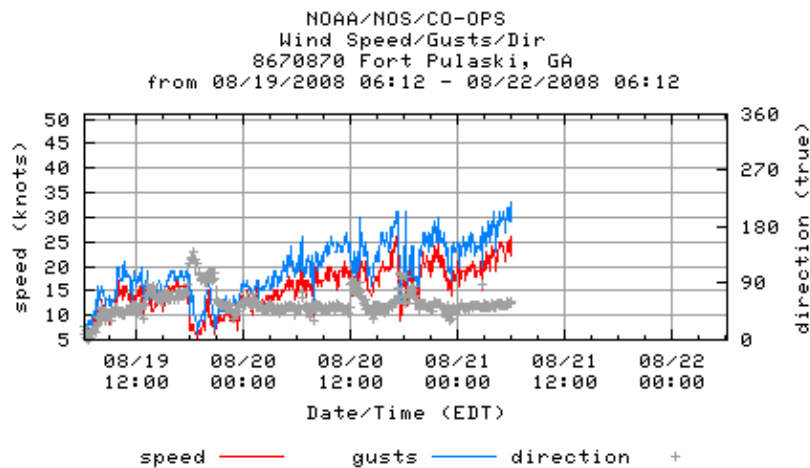


Last Observed Sample: 08/21/2008 06:00 (EDT)

Relative to **MLLW**: **Observed: 1.54 ft. Predicted: -0.08 ft. Residual: 1.62 ft.**

Historical Maximum Water Level: 10/15/1947, 3.4 ft. above **MHHW**

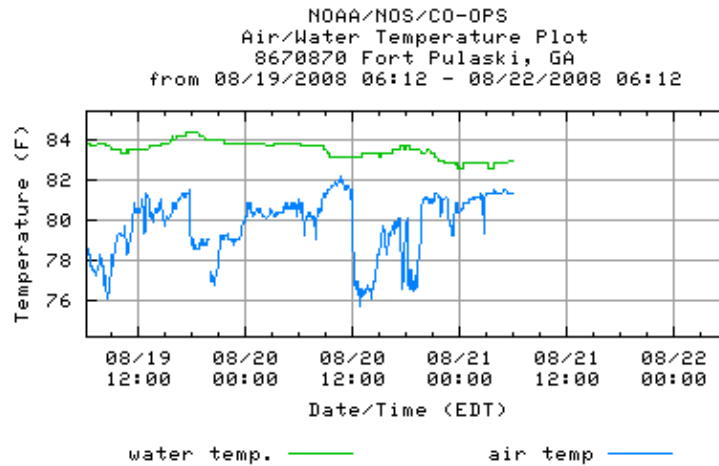
**Fort Pulaski, GA - Station Map** [Return to List](#)



Last Observed Sample: 08/21/2008 06:00 (EDT)

**Wind Speed: 22 knots Gusts: 29 knots Direction: 059° T**

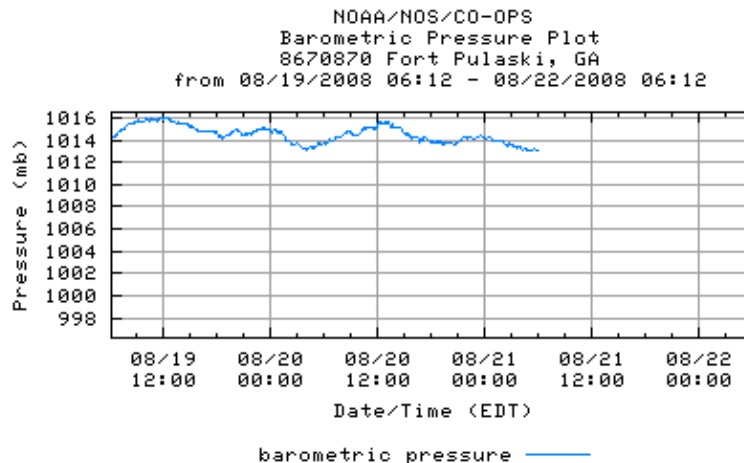
**Fort Pulaski, GA - Station Map** [Return to List](#)



Last Observed Sample: 08/21/2008 06:00 (EDT)

Water Temperature: 82.9° F Air Temperature: 81.3° F

**Fort Pulaski, GA - Station Map** [Return to List](#)

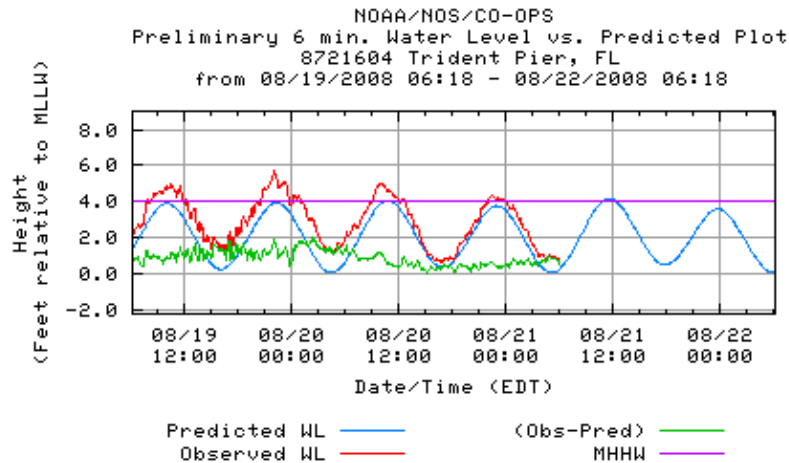


Last Observed Sample: 08/21/2008 06:00 (EDT)

Barometric Pressure: 1013.1 mb



**Trident Pier, FL - Station Map** [Return to List](#)

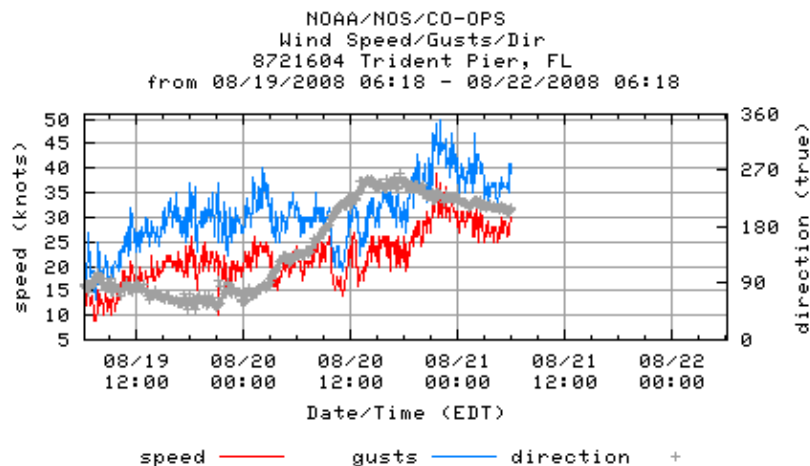


Last Observed Sample: 08/21/2008 06:06 (EDT)

Relative to **MLLW**: **Observed: 0.75 ft. Predicted: 0.20 ft. Residual: 0.55 ft.**

Historical Maximum Water Level: 09/16/2001, 2.28 ft. above **MHHW**

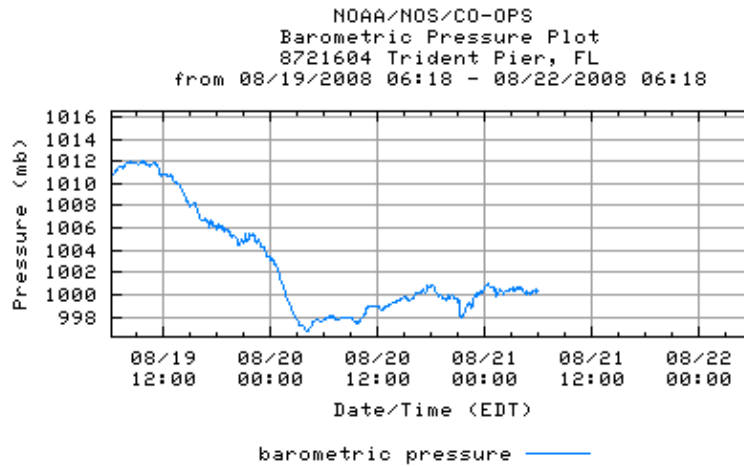
**Trident Pier, FL - Station Map** [Return to List](#)



Last Observed Sample: 08/21/2008 06:06 (EDT)

**Wind Speed: 29 knots Gusts: 39 knots Direction: 209° T**

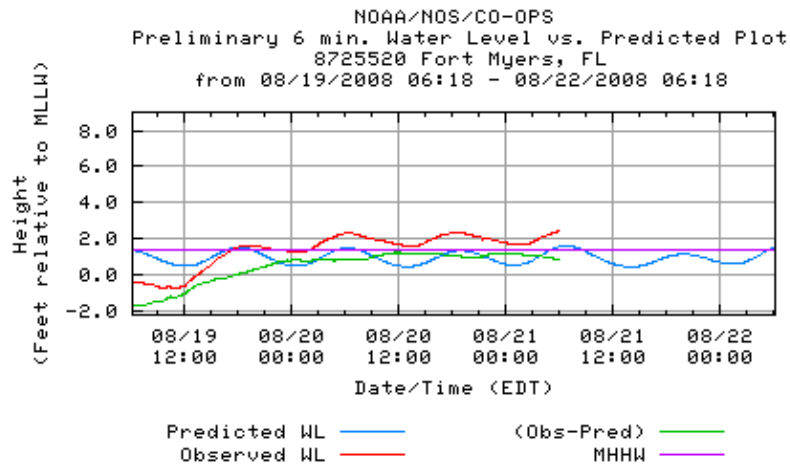
**Trident Pier, FL - Station Map** [Return to List](#)



Last Observed Sample: 08/21/2008 06:06 (EDT)

Barometric Pressure: 1000.3 mb

**Fort Myers, FL - Station Map** [Return to List](#)



Last Observed Sample: 08/21/2008 06:06 (EDT)

Relative to **MLLW**: Observed: 2.40 ft. Predicted: 1.53 ft. Residual: 0.87 ft.

Historical Maximum Water Level: 11/23/1988, 3.41 ft. above **MHHW**

## Tropical Storm FAY QuickLook, POSTED 06:00 EDT 08/21/2008

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)  
National Oceanic and Atmospheric Administration | U.S. Department of Commerce